

Db 3 CVIGYSGDRC 12

RESULT 2
US-08-457-135-7
; Sequence 7, Application US/08457135
; Patent No. 5644031
; GENERAL INFORMATION:
; APPLICANT: LABORDA, Jorge
; TITLE OF INVENTION: Delta-Like Gene Expressed In
; TITLE OF INVENTION: Neuroendocrine Tumors
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington, D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,135
; FILING DATE: 01-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/989,537
; FILING DATE: 11-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 40399/304/NIHD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-457-135-7

Query Match 100.0%; Score 60; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 0.00094;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CVIGYSGDRC 10
Db 3 CVIGYSGDRC 12

RESULT 3
US-08-284-923-2
; Sequence 2, Application US/08284923
; Patent No. 5547935
; GENERAL INFORMATION:
; APPLICANT: Mullenbach, Guy T
; APPLICANT: Blaney, Jeffrey M
; APPLICANT: Rosenberg, Steven
; TITLE OF INVENTION: Mutins of Epidermal Growth Factor
; TITLE OF INVENTION: exhibiting enhanced binding at low ph
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton street
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/284,923
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/746,651
; FILING DATE: 16-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McClung, Barbara G
; REGISTRATION NUMBER: 33,113
; REFERENCE/DOCKET NUMBER: 231,001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 510-601-2708
; TELEFAX: 510-655-3542
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-284-923-2

Query Match 100.0%; Score 60; DB 1; Length 53;
Best Local Similarity 100.0%; Pred. No. 0.0039;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CVIGYSGDRC 10
Db 33 CVIGYSGDRC 42

RESULT 4
US-08-619-032B-2
; Sequence 2, Application US/08619032B
; Patent No. 6191106
; GENERAL INFORMATION:
; APPLICANT: Mullenbach, Guy T.
; APPLICANT: Blaney, Jeffrey M.
; APPLICANT: Rosenberg, Steven
; TITLE OF INVENTION: MUTINS OF EPIDERMAL GROWTH FACTOR
; TITLE OF INVENTION: EXHIBITING ENHANCED BINDING AT LOW PH
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: Intellectual Property R-440, P.O. Box 8097
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/619,032B
; FILING DATE: 20-MAR-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Guth, Joseph H.
; REGISTRATION NUMBER: 31,261
; REFERENCE/DOCKET NUMBER: 0231,004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 923-3888
; TELEFAX: (510) 655-3542
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53 amino acids
; TYPE: amino acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-619-032B-2

Query Match 100.0%; Score 60; DB 4; Length 53;
Best Local Similarity 100.0%; Pred. No. 0.0039;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CVIGYSGDRC 10
| | | | | | | |
Db 33 CVIGYSGDRC 42

RESULT 5

5332669-2
; Patent No. 5332669
; APPLICANT: DEUEL, THOMAS F.
; TITLE OF INVENTION: PROSTATE-DERIVED MITOGEN
; NUMBER OF SEQUENCES: 3
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/356.739
; FILING DATE: 24-MAR-1989
; SEQ ID NO:2:
; LENGTH: 53
5332669-2

Query Match 100.0%; Score 60; DB 6; Length 53;
Best Local Similarity 100.0%; Pred. No. 0.0039;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CVIGYSGDRC 10
| | | | | | | |
Db 33 CVIGYSGDRC 42

RESULT 6

5332669-1
; Patent No. 5332669
; APPLICANT: DEUEL, THOMAS F.
; TITLE OF INVENTION: PROSTATE-DERIVED MITOGEN
; NUMBER OF SEQUENCES: 3
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/356.739
; FILING DATE: 24-MAR-1989
; SEQ ID NO:1:
; LENGTH: 48
5332669-1

Query Match 83.3%; Score 50; DB 6; Length 48;
Best Local Similarity 80.0%; Pred. No. 0.14;
Matches 8; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVIGYSGDRC 10
| | | | | | | |
Db 33 CVIGYIGERC 42

RESULT 7

US-08-525-864A-2
; Sequence 2, Application US/08525864A
; Patent No. 5912326
; GENERAL INFORMATION:
; APPLICANT: Chang, Han
; TITLE OF INVENTION: Cerebellum-derived Growth Factors, and Uses
; TITLE OF INVENTION: Related thereto
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII (text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/525.864A
; FILING DATE: 8-SEP-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kara, Catherine J.
; REGISTRATION NUMBER: 41,106
; REFERENCE/DOCKET NUMBER: HUI-017
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 754 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-525-864A-2

Query Match 83.3%; Score 50; DB 2; Length 754;
Best Local Similarity 70.0%; Pred. No. 2;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVIGYSGDRC 10
| : | : | | | |
Db 280 CPVGYTGDC 289

RESULT 8

5183805-1
; Patent No. 5183805
; APPLICANT: LEE, JIN S.; BLICK, MARK
; TITLE OF INVENTION: BIOACTIVE EGF PEPTIDES FOR
; PROMOTION OF TISSUE REGENERATION AND CANCER THERAPY
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/567.407
; FILING DATE: 13-AUG-1990
; SEQ ID NO:1:
; LENGTH: 17
5183805-1

Query Match 81.7%; Score 49; DB 6; Length 17;
Best Local Similarity 70.0%; Pred. No. 0.073;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVIGYSGDRC 10
| : | : | | | |
Db 2 CVVGYIGERC 11

RESULT 9

5183805-2
; Patent No. 5183805
; APPLICANT: LEE, JIN S.; BLICK, MARK
; TITLE OF INVENTION: BIOACTIVE EGF PEPTIDES FOR
; PROMOTION OF TISSUE REGENERATION AND CANCER THERAPY
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/567.407
; FILING DATE: 13-AUG-1990
; SEQ ID NO:2:
; LENGTH: 17
5183805-2

Query Match 81.7%; Score 49; DB 6; Length 17;
Best Local Similarity 70.0%; Pred. No. 0.073;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

```
QY      1  CVIGYSGDRC 10
      ||:| | | |
Db      2  CVVGYIGERC 11

RESULT 10
5256643-8
; Patent No. 5256643
; APPLICANT: Persico, Maria G.; Salomon, David S.
; TITLE OF INVENTION: HUMAN CRIPTO PROTEIN
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/530,165
; FILING DATE: 29-MAY-1990
; SEQ ID NO: 8
; LENGTH: 25
5256643-8

Query Match      81.7%; Score 49; DB 6; Length 25;
Best Local Similarity 70.0%; Pred. No. 0.11;
Matches 7; Conservative 2; Mismatches 1; Indels 1; Gaps 0;

QY      1  CVIGYSGDRC 10
      ||:| | | |
Db      13 CVVGYIGERC 22

RESULT 11
US-08-039-364-14
; Sequence 14, Application US/08039364
; Patent No. 5811393
; GENERAL INFORMATION:
; APPLICANT: Klagsbrun, Michael
; APPLICANT: Abraham, Judith A.
; APPLICANT: Higashiyama, Shigeki
; APPLICANT: Besner, Gail F.
; TITLE OF INVENTION: HEPARIN BINDING MITOGEN WITH
; TITLE OF INVENTION: HOMOLOGY TO EPIDERMAL GROWTH FACTOR
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/039,364
; FILING DATE: 15 JUN 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 07/598,082
; FILING DATE: 16 OCT 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 05162/002002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 37 amino acids
; TYPE: amino acid
; STRANDEDNESS: single

; TOPOLOGY: linear
; US-08-039-364-14

Query Match      81.7%; Score 49; DB 2; Length 37;
Best Local Similarity 70.0%; Pred. No. 0.15;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1  CVIGYSGDRC 10
      ||:| | | |
Db      28 CVVGYIGERC 37

RESULT 12
US-09-158-710-14
; Sequence 14, Application US/09158710
; Patent No. 6235884
; GENERAL INFORMATION:
; APPLICANT: Klagsbrun, Michael
; APPLICANT: Abraham, Judith A.
; APPLICANT: Higashiyama, Shigeki
; APPLICANT: Besner, Gail F.
; TITLE OF INVENTION: HEPARIN BINDING MITOGEN WITH HOMOLOGY TO EPIDERMAL
; TITLE OF INVENTION: GROWTH FACTOR (EGF)
; FILE REFERENCE: 05162/002003
; CURRENT APPLICATION NUMBER: US/09/158,710
; CURRENT FILING DATE: 1998-09-22
; EARLIER APPLICATION NUMBER: US 08/039,364
; EARLIER FILING DATE: 1993-06-15
; EARLIER APPLICATION NUMBER: US 07/598,082
; EARLIER FILING DATE: 1990-10-16
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-158-710-14

Query Match      81.7%; Score 49; DB 4; Length 37;
Best Local Similarity 70.0%; Pred. No. 0.15;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1  CVIGYSGDRC 10
      ||:| | | |
Db      28 CVVGYIGERC 37

RESULT 13
US-08-168-091A-44
; Sequence 44, Application US/08168091A
; Patent No. 5665862
; GENERAL INFORMATION:
; APPLICANT: Fischbach, Gerald.
; APPLICANT: Falls, Douglas R.
; APPLICANT: Rosen, Kenneth M.
; APPLICANT: Corfas, Gabriel
; TITLE OF INVENTION: Neurotrophic Factor
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE AND COCKFIELD
; STREET: 60 State Street, Suite 510
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/168,091A
; FILING DATE: 15-DEC-1993
```

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/953,742
FILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: HMI-002CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-08-168-091A-44

Query Match 81.7% Score 49; DB 1; Length 42;
Best Local Similarity 70.0%; Pred. No. 0.17;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVIGSGDRC 10
DB 31 CVVGYIGERC 40

RESULT 14
US-08-278-089A-24
Sequence 24, Application US/08278089A
Patent No. 5681714
GENERAL INFORMATION:
APPLICANT: Breitman, Martin L.
APPLICANT: Rossant, Janet
APPLICANT: Dumont, Daniel J.
APPLICANT: Yamaguchi, Terry P.
TITLE OF INVENTION: No. 5681714el Receptor Tyrosine Kinase
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bereskin & Parr
STREET: 40 King Street West
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5H 3Y2
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/278,089A
FILING DATE: 20-JUL-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Kurdydky, Linda M.
REGISTRATION NUMBER: 34,971
REFERENCE/DOCKET NUMBER: 3153-111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 364-7311
TELEFAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 44 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
CLONE: EGF

US-08-278-089A-24

Query Match 81.7% Score 49; DB 1; Length 44;
Best Local Similarity 70.0%; Pred. No. 0.18;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVIGSGDRC 10
DB 33 CVVGYIGERC 42

RESULT 15
US-08-899-437-12
Sequence 12, Application US/08899437
Patent No. 6121415
GENERAL INFORMATION:
APPLICANT: GOWSKI, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,437
FILING DATE: 24-Jul-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
FEATURE:
NAME/KEY: heGF.egf
LOCATION: 1-46
IDENTIFICATION METHOD:
OTHER INFORMATION:
US-08-899-437-12

Query Match 81.7% Score 49; DB 3; Length 46;
Best Local Similarity 70.0%; Pred. No. 0.19;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVIGSGDRC 10
DB 32 CVVGYIGERC 41

Search completed: July 1, 2003, 10:33:45
Job time : 15 secs

THIS PAGE BLANK (USPTO)

RESULT 2
US-10-150-648B-33
; Sequence 33, Application US/10150648B
; Publication No. US20030059802A1
; GENERAL INFORMATION:
; APPLICANT: Bilodeau-Goesseels, Sylvie
; APPLICANT: John, Sushil J.
; APPLICANT: Selinger, Leonard B.
; TITLE OF INVENTION: Nucleic acid and protein sequences of bovine epidermal growth
; FILE REFERENCE: 60-01
; CURRENT APPLICATION NUMBER: US/10/150,648B
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/292,136
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 33
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; AUTHORS: Gray, A., Dull, T.J. and Ullrich, A.
; TITLE: Nucleotide sequence of epidermal growth factor cDNA predicts a
; TITLE: 128,000-molecular weight protein precursor
; JOURNAL: Nature
; VOLUME: 303
; PAGES: 722-725
; DATE: 1983
; DATABASE ACCESSION NUMBER: GenBank Accession No. US20030059802A1 J00380
; DATABASE ENTRY DATE: 1993-04-27
; RELEVANT RESIDUES: Relevant residues FROM 977 TO 1029
US-10-150-648B-33

Query Match
Best Local Similarity 100.0%; Score 60; DB 9; Length 53;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CVIGYSGDRC 10
Db 33 CVIGYSGDRC 42
|||||

RESULT 3
US-10-150-648B-30
; Sequence 30, Application US/10150648B
; Publication No. US20030059802A1
; GENERAL INFORMATION:
; APPLICANT: Bilodeau-Goesseels, Sylvie
; APPLICANT: John, Sushil J.
; APPLICANT: Selinger, Leonard B.
; TITLE OF INVENTION: Nucleic acid and protein sequences of bovine epidermal growth
; FILE REFERENCE: 60-01
; CURRENT APPLICATION NUMBER: US/10/150,648B
; CURRENT FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/292,136
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 30
; LENGTH: 145
; TYPE: PRT
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; AUTHORS: Gray, A., Dull, T.J. and Ullrich, A.
; TITLE: Nucleotide sequence of epidermal growth factor cDNA predicts a
; TITLE: 128,000-molecular weight protein precursor
; JOURNAL: Nature
; VOLUME: 303
; PAGES: 722-725

; DATE: 1983
; DATABASE ACCESSION NUMBER: GenBank Accession No. US20030059802A1 J00380
; DATABASE ENTRY DATE: 1993-04-27
; RELEVANT RESIDUES: Relevant residues FROM 919 TO 1063
US-10-150-648B-30

Query Match
Best Local Similarity 100.0%; Score 60; DB 9; Length 145;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CVIGYSGDRC 10
Db 91 CVIGYSGDRC 100
|||||

RESULT 4
US-10-211-994-20
; Sequence 20, Application US/10211994
; Publication No. US20030082201A1
; GENERAL INFORMATION:
; APPLICANT: Rao, M.R.S.
; APPLICANT: Sengupta, Paromita
; APPLICANT: Prasad, Sudhanand
; APPLICANT: Burman, Anand C.
; APPLICANT: Mukherjee, Rama
; APPLICANT: Thomas, Becky
; TITLE OF INVENTION: MULTIVALENT SYNTHETIC VACCINE FOR CANCER
; FILE REFERENCE: U014152-1
; CURRENT APPLICATION NUMBER: US/10/211,994
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/309,975
; PRIOR FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 20
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Nucleotide and peptide sequence of multivalent vaccine
US-10-211-994-20

Query Match
Best Local Similarity 83.3%; Score 50; DB 9; Length 112;
Matches 8; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 CVIGYSGDRC 10
Db 92 CVIGYIGERC 101
|||||

RESULT 5
US-09-864-675-4
; Sequence 4, Application US/09864675
; Patent No. US20020081286A1
; GENERAL INFORMATION:
; APPLICANT: Marchionni, Mark
; TITLE OF INVENTION: NRG-2 NUCLEIC ACID MOLECULES,
; FILE REFERENCE: 04585/049002
; CURRENT APPLICATION NUMBER: US/09/864,675
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/206,495
; PRIOR FILING DATE: 2000-05-23
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 298
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-864-675-4

Query Match
83.3%; Score 50; DB 10; Length 298;

Best Local Similarity 70.0%; Pred. No. 1.2;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVGYGDCR 10
1 1111111111
Db 280 CPVGYTGDCR 289

RESULT 6
US-10-136-573A-12
; Sequence 12, Application US/10136573A
; Patent No. US20020161200A1
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J.
; APPLICANT: Mark, Melanie Rose
; APPLICANT: Zhang, Dong Xiao
; TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
; TITLE OF INVENTION: Uses Therefor
; FILE REFERENCE: P1084R1C2
; CURRENT APPLICATION NUMBER: US/10/136,573A
; CURRENT FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: US 09/480,977
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: US 08/899,437
; PRIOR FILING DATE: 1997-07-24
; PRIOR APPLICATION NUMBER: US 60/052,019
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 23
; SEQ ID NO 12
; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-573A-12

Query Match 81.7%; Score 49; DB 9; Length 46;
Best Local Similarity 70.0%; Pred. No. 0.33;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVGYGDCR 10
1 1111111111
Db 32 CVVGYIGERC 41

RESULT 7
US-09-877-665-12
; Sequence 12, Application US/09877665
; Patent No. US20020164680A1
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
; TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
; TITLE OF INVENTION: Ligands and Uses Therefor
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/877,665
; FILING DATE: 08-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/109,206
; FILING DATE: 30-Jun-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Conley, Deirdre L.

Best Local Similarity 70.0%; Pred. No. 1.2;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVGYGDCR 10
1 1111111111
Db 280 CPVGYTGDCR 289

RESULT 6
US-10-136-573A-12
; Sequence 12, Application US/10136573A
; Patent No. US20020161200A1
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J.
; APPLICANT: Mark, Melanie Rose
; APPLICANT: Zhang, Dong Xiao
; TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
; TITLE OF INVENTION: Uses Therefor
; FILE REFERENCE: P1084R1C2
; CURRENT APPLICATION NUMBER: US/10/136,573A
; CURRENT FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: US 09/480,977
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: US 08/899,437
; PRIOR FILING DATE: 1997-07-24
; PRIOR APPLICATION NUMBER: US 60/052,019
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 23
; SEQ ID NO 12
; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-573A-12

Query Match 81.7%; Score 49; DB 9; Length 46;
Best Local Similarity 70.0%; Pred. No. 0.33;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVGYGDCR 10
1 1111111111
Db 32 CVVGYIGERC 41

RESULT 7
US-09-877-665-12
; Sequence 12, Application US/09877665
; Patent No. US20020164680A1
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
; TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
; TITLE OF INVENTION: Ligands and Uses Therefor
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/877,665
; FILING DATE: 08-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/109,206
; FILING DATE: 30-Jun-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Conley, Deirdre L.

Best Local Similarity 70.0%; Pred. No. 1.2;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVGYGDCR 10
1 1111111111
Db 280 CPVGYTGDCR 289

RESULT 6
US-10-136-573A-12
; Sequence 12, Application US/10136573A
; Patent No. US20020161200A1
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J.
; APPLICANT: Mark, Melanie Rose
; APPLICANT: Zhang, Dong Xiao
; TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related Ligands and
; TITLE OF INVENTION: Uses Therefor
; FILE REFERENCE: P1084R1C2
; CURRENT APPLICATION NUMBER: US/10/136,573A
; CURRENT FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: US 09/480,977
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: US 08/899,437
; PRIOR FILING DATE: 1997-07-24
; PRIOR APPLICATION NUMBER: US 60/052,019
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 23
; SEQ ID NO 12
; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-136-573A-12

Query Match 81.7%; Score 49; DB 9; Length 46;
Best Local Similarity 70.0%; Pred. No. 0.33;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 CVVGYGDCR 10
1 1111111111
Db 32 CVVGYIGERC 41

RESULT 7
US-09-877-665-12
; Sequence 12, Application US/09877665
; Patent No. US20020164680A1
; GENERAL INFORMATION:
; APPLICANT: Godowski, Paul J., Mark, Melanie Rose, Zhang, Dong Xiao
; TITLE OF INVENTION: ErbB Receptor-Specific Neuregulin Related
; TITLE OF INVENTION: Ligands and Uses Therefor
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/877,665
; FILING DATE: 08-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/109,206
; FILING DATE: 30-Jun-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Conley, Deirdre L.

STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/817,647
FILING DATE: 26-Mar-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/107,979
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Conley, Delindre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1084r1-2
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
FEATURE:
NAME/KEY: hcgf.egf
LOCATION: 1-46
IDENTIFICATION METHOD:
OTHER INFORMATION:
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-817-647-12

Query Match
Best Local Similarity 81.7%; Score 49; DB 10; Length 46;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY 1 CVIGYSGDRC 10
Db 32 CVVGYIGERC 41
||:|:| |:|:|

RESULT 10
US-10-096-241-17
Sequence 17, Application US/10096241
Patent No. US20020127594A1
GENERAL INFORMATION:
APPLICANT: Gearing, David P.
Busfield, Samantha J.
TITLE OF INVENTION: DON-1 GENE AND POLYPEPTIDES
AND USES THEREFOR
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/096,241
FILING DATE: 12-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/699,591
FILING DATE: 19-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 07334/022001*
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-096-241-17
Query Match
Best Local Similarity 81.7%; Score 49; DB 12; Length 47;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY 1 CVIGYSGDRC 10
Db 33 CVVGYIGERC 42
||:|:| |:|:|

RESULT 11
US-10-201-945-13
Sequence 13, Application US/10201945
Publication No. US20020188110A1
GENERAL INFORMATION:
APPLICANT: Meissner, Paul S.
Fuldner, Rebecca A.
Adams, Mark D.
TITLE OF INVENTION: Transforming Growth Factor Alpha HI
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: MD
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/201,945
FILING DATE: 25-Jul-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/471,377
FILING DATE: 23-Dec-1999
APPLICATION NUMBER: 08/915,096
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/208,008
FILING DATE: 08-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PF110D1
TELEPHONE: 301-309-8504
TELEX: 301-309-8439
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
TYPE: amino acid

```
;
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-10-201-945-13

Query Match      81.7%; Score 49; DB 9; Length 48;
Best Local Similarity 70.0%; Pred. No. 0.37;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1 CVIGYSGDRC 10
      11:1111:111
Db      -28 CWVGYGICRC 37

RESULT 12
US-09-903-327A-9
; Sequence 9, Application US/09903327A
; Patent No. US20020164333A1
; GENERAL INFORMATION:
; APPLICANT: Li, Erquang
; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES AND VECTORS COMPLEXED THEREWITH FOR TARGET
; TITLE OF INVENTION: GENE
; FILE REFERENCE: 22908-1228
; CURRENT APPLICATION NUMBER: US/09/903,327A
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 09/613,017
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Human
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (0)...(0)
; OTHER INFORMATION: Epidermal Growth Factor (EGF, mature peptide)
US-09-903-327A-9

Query Match      81.7%; Score 49; DB 9; Length 53;
Best Local Similarity 70.0%; Pred. No. 0.37;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1 CVIGYSGDRC 10
      11:1111:111
Db      33 CWVGYGICRC 42

RESULT 13
US-10-150-648B-35
; Sequence 35, Application US/10150648B
; Publication No. US20030059802A1
; GENERAL INFORMATION:
; APPLICANT: Bilodeau-Goesseels, Sylvie
; APPLICANT: John, Sushil J.
; APPLICANT: Selinger, Leonard B.
; APPLICANT: Benkel, Bernhard F.
; TITLE OF INVENTION: Nucleic acid and protein sequences of bovine epidermal growth
; TITLE OF INVENTION: factor
; FILE REFERENCE: 60-01
; CURRENT APPLICATION NUMBER: US/10/150,648B
; CURRENT FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/292,136
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Homo sapiens
```

```
; PUBLICATION INFORMATION:
; AUTHORS: Bell, G.I., Fong, N.M., Stempien, M.M., Wormsted, M.A.,
; AUTHORS: Caput, D., Ku, L.L., Urdea, M.S., Rall, L.B. and Sanchez-
; AUTHORS: Pescador, R.
; TITLE: Human epidermal growth factor precursor: cDNA sequence,
; TITLE: expression in vitro and gene organization.
; JOURNAL: Nucleic Acids Research
; VOLUME: 14
; ISSUE: 21
; PAGES: 8427-8446
; DATE: 1986
; DATABASE ACCESSION NUMBER: GenBank Accession No. US20030059802A1 X04571
; DATABASE ENTRY DATE: 1993-04-21
; RELEVANT RESIDUES: Relevant residues FROM 970 TO 1022
US-10-150-648B-35
```

```
Query Match      81.7%; Score 49; DB 9; Length 53;
Best Local Similarity 70.0%; Pred. No. 0.37;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 CVIGYSGDRC 10
      11:1111:111
Db      33 CWVGYGICRC 42
```

RESULT 14

```
US-10-211-994-4
; Sequence 4, Application US/10211994
; Publication No. US20030082201A1
; GENERAL INFORMATION:
; APPLICANT: Rao, M.R.S.
; APPLICANT: Sengupta, Paromita
; APPLICANT: Prasad, Sudhanand
; APPLICANT: Burman, Anand C.
; APPLICANT: Mukherjee, Rama
; APPLICANT: Thomas, Becky
; TITLE OF INVENTION: MULTIVALENT SYNTHETIC VACCINE FOR CANCER
; FILE REFERENCE: U014152-1
; CURRENT APPLICATION NUMBER: US/10/211,994
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/309,975
; PRIOR FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Epidermal growth factor
US-10-211-994-4
```

```
Query Match      81.7%; Score 49; DB 9; Length 53;
Best Local Similarity 70.0%; Pred. No. 0.37;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1 CVIGYSGDRC 10
      11:1111:111
Db      33 CWVGYGICRC 42
```

RESULT 15

```
US-09-848-664-31
; Sequence 31, Application US/09848664
; Patent No. US20020146414A1
; GENERAL INFORMATION:
; APPLICANT: Sakiyama-Elbert, Shelly E.
; APPLICANT: Hubbell, Jeffrey A.
; TITLE OF INVENTION: Controlled Release of No. US20020146414A1-Heparin Binding Grow
; TITLE OF INVENTION: Factors from Heparin Containing Matrices
; FILE REFERENCE: ETH 108
; CURRENT APPLICATION NUMBER: US/09/848,664
; CURRENT FILING DATE: 2001-05-03
```

Tue Jul 1 10:51:31 2003

us-09-673-785d-2.rapb

; PRIOR APPLICATION NUMBER: 09/298,084
; PRIOR FILING DATE: 1999-04-22
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 53
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-848-664-31

Query Match 81.7%; Score 49; DB 10; Length 53;
Best Local Similarity 70.0%; Pred. No. 0.37;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY 1 CVIGYSGDRC 10
DB 33 CVVGYIGERC 42
||:||||:|

Search completed: July 1, 2003, 10:37:30
Job time : 20 secs